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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Carl Anderson, Ph. D. et al. Art Unit : 2873  
Serial No. : 10/646,858 Examiner : Unknown  
Filed : August 22, 2003  
Title : METHOD AND APPARATUS FOR MEASURING AND COMPENSATING  
FOR SUBJECT MOTION DURING SCANNING

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed before the receipt of a first Office action on the merits.

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Respectfully submitted,

Date: 7/6/2004

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04843-043001	Application No. 10/646,858
<b>Information Disclosure Statement by Applicant</b> <small>Use several sheets if necessary (37 CFR §1.98(e))</small>		Applicant Carl Anderson, Ph. D. et al.	
		Filing Date August 22, 2003	Group Art Unit 2873

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
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Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes      No
	AL						
	AM						
	AN						
	AO						
	AP						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	Peter M. Bloomfield, et al., "The design and implementation of a motion correction scheme for neurological PET," Physics in Medicine and Biology, 48:959-978, 2003
	AR	C. Dold, et al., "Updating of MRI Gradients Using a Infrared Tracking System to Compensate Motion Artifacts," Proc. Intl. Soc. Magn. Reson. Med. 11:742 (2004)
	AS	Christian Dold, et al., "The compensation of head motion artifacts using an infrared tracking system and a new algorithm for fMRI," Fraunhofer-Institute for Computer Graphics, 1-7
	AT	Roger R. Fulton, et al., "Correction for Head Movements in Positron Emission Tomography Using an Optical Motion-Tracking System," IEEE Transactions on Nuclear Science, 49(1):116-123, 2002

Examiner Signature	Date Considered
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<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
	AU	Roger R. Fulton, et al., "Errata to 'Correction for Head Movements in Positron Emission Tomography Using an Optical Motion-Tracking System,'" IEEE Transactions on Nuclear Science, 49(4):2037-2038, 2002
	AV	M. Zaitsev, et al., "Prospective Real-Time Slice-by-Slice 3D Motion Correction for EPI Using an External Optical Motion Tracking System," Proc. Intl. Soc. Mag. Reson. Med., 11:517, 2004
	AW	M. Zaitsev, et al., "Imaging of Freely Moving Objects by Means of Real-Time Image Coordinates Update Using an External Optical Motion Tracking System," Fraunhofer-Institute for Computer Graphics, 1-6
	AX	M. Zaitsev, et al., "Prospective Real-Time Slice-by-Slice 3D Motion Correction for EPI Using an External Optical Motion Tracking System," Fraunhofer-Institute for Computer Graphics, 1-15

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